

FORM PTO-1449
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
ASA-328-07

SERIAL NO.

10/632,840

APPLICANT

A. YAMAMOTO et al

FILING DATE

8/4/03

GROUP

2186

LIST OF DOCUMENTS CITED BY APPLICANT
(Use several sheets if necessary)

AUG 21 2003

U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT	DATE	NAME	CLASS	SUBCLASS	FILING DATE <i>if Assignment</i>
AA	4,423,479	12/27/83	Hanson et al	711	113	
AB	4,078,254	03/07/78	Beausoleil et al	711	122	
AC	5,371,855	12/06/94	Idleman et al	711	113	
AD	5,446,861	08/29/95	Idleman et al	711	100	
AE	5241666 6,241,988	08/31/93	Idleman et al	710	52	
AF	4,084,234	04/11/78	Calle et al	711	118	
AG	4,675,686 4,075,586	02/21/78	Calle et al	711	138	
AH	4,268,907	03/19/81	Porter et al	711	138	
AI	4,394,732	07/19/83	Swenson	711	113	
AJ	4,920,478 4,320,478	04/24/90	Furuva et al	711	136	
AK	5,247,642 6,347,542	09/13/94	Barratt	711	113	

FOREIGN PATENT DOCUMENTS

	DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
AL						
AM						
AN						
AO						
AP						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

AR	J. Menon et al, "The IBM 3990 Disk Cache," Thirty-Third IEEE Computer Society International Conference, February 19-March 4, 1988, pp. 146-151.
AS	T. Miyachi et al, "Performance Evaluation for Memory Subsystem of Hierarchical Disk-Cache," Systems and Computers in Japan, Vol. 17, No. 7, 1986, pp. 36-34.
AT	S. Fuld, "The Amper Cache Disk System," Thirty-Third IEEE Computer Society International Conference, February 19-March 4, 1988, pp. 156-157.

EXAMINER

DAVID L. ROBERTSON

DATE CONSIDERED

7/2005

EXAMINER: Initials of the examiner who considered the document in conformance with MPEP 508; Draw a line through citation if not in conformance and not considered.
Date cited on this form with next examination if not considered.

RM PTO-1449
EV. 7-801U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
ASA-328-07SERIAL NO.
10/632,840O 1 BSE OF DOCUMENTS CITED BY APPLICANT
(Use several sheets if necessary)

AUG 21 2003

APPLICANT
A. YAMAMOTO et alFILING DATE
8/4/03GROUP
2186

U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT	DATE	NAME	CLASS	SUBCLASS	FILING DATE (if Applicable)
DR	AA 5,163,142	11/10/92	Mageau	711	142	
DR	AB 5,313,613	05/17/94	Gregor	711	128	
DR	AC 4,500,954	02/19/85	Duke et al	711	138	
DR	AD 5,404,487	04/04/95	Murata et al	711	113	
AE						
AF						
AG						
AH						
AI						
AJ						
AK						

FOREIGN PATENT DOCUMENTS

	DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
AL						
AM						
AN						
AO						
AP						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

AR	M. Young, "Controlling Wrapping Performance Out of Disk Drives," Computer Design, May 1985, pp. 119-127.
AS	M. Nelson et al, "Caching in the Sprite Network File System," ACM Transactions on Computer Systems, Vol. 3, No. 1, February 1988. pp. 134-154.
AT	

AMINER

DAVID L. ROBERTSON

DATE CONSIDERED

2/2005

XAMINER: *Initials of Examiner* *Initials of Primary Examiner* *Initials of Secondary Examiner* *Initials of Searcher* *Initials of Examiner* *Initials of Primary Examiner* *Initials of Secondary Examiner* *Initials of Searcher*
This document contains neither recommendations nor conclusions of the U.S. Patent and Trademark Office. It is the property of the Office and is loaned to you; it and its contents are not to be distributed outside your office without the express written consent of the Office.

FORM PTO-1449
(REV. 7-80)U. S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO
ASA-328-07SERIAL NO.
10/632,840APPLICANT
A. YAMAMOTO et alFILING DATE
8/4/03GROUP
2186O I P
LIST OF DOCUMENTS CITED BY APPLICANT
(Use several sheets if necessary)

AUG 21 2003

U. S. TRADEMARK OFFICE
SEARCHED
INDEXED
FILED

U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT	DATE	NAME	CLASS	SUBCLASS	FILING DATE
DN	AA 4,468,730	08/28/84	Codd et al	711	113	
DN	AB 4,669,043	05/26/87	Kacinsky	711	3	
DN	AC 4,884,197	11/23/89	Sachs et al	711	123	
DN	AD 4,933,835	06/12/90	Sachs et al	711	123	
DN	AE 5,025,365	06/18/91	Methur et al	711	121	
DN	AF 5,025,366	06/18/91	Baror	711	128	
DN	AG 5,045,998	09/03/91	Begun et al	710	307	
DN	AH 5,091,846	02/25/92	Sachs et al	711	130	
DN	AI 5,091,850	02/25/92	Culley	711	3	
DN	AJ 5,097,532	03/17/92	Barud et al	711	144	
DN	AK 5,097,533	03/17/92	Burger et al	719	328	

FOREIGN PATENT DOCUMENTS

	DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						YES
AM	39-157053	12/06/80	Japan			
AM	39-133563	08/03/84	Japan (w/ partial translation)			
AM	63-132354	06/04/88	Japan			
AO	1-113844	05/02/89	Japan			
AP						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

AN	Busch J.R. et al, "Disc caching in the system processing units of the HP 3000 family of computers", Hewlett-Packard Journal, Amstelveen, Netherlands, Vol. 36, no. 2, February 1985, pp. 21-39.
AS	T. Tokunaga et al, "Integrated disk cache system with file adaptive control", Proceedings of Distributed Computer, COMPCON '80, Twenty-Fifth Annual Computer Society International Conference, Washington, DC 23-25 Sept. 1980, Vol. 21, pp. 412-416.
AT	

EXAMINER

DAVID L. ROBERTSON

DATE CONSIDERED

9/2005

* EXAMINER: Initials of examiner in charge. Primary Examiner is in conformance with MPEP 208; Draw the circle around if not in conformance and not considered.

** PRIMARY EXAMINER: Primary Examiner is in conformance with MPEP 208; Draw the circle around if not in conformance and not considered.

FORM PTO-1449
(REV. 7-30)U. S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
ASA-328-07SERIAL NO.
10/632,840APPLICANT
A. YAMAMOTO et alFILING DATE
8/4/03GROUP
2186O P E
LIST OF DOCUMENTS CITED BY APPLICANT
(use several sheets if necessary)

AUG 21 2003

PATENT & TRADEMARK OFFICE
U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DR	4084231 4,084,231	04/11/78	Capozzi et al	711	117	
DR	4603380 4,603,380	07/29/88	Esston et al	711	113	
DR	4870565 4,870,565	09/26/89	Yamamoto et al	711	113	
DR	4800483 4,800,483	01/24/89	Yamamoto et al	710	305	
DR	4916605 4,916,605	04/10/90	Beardsley et al	711	162	
DR	4,394,733	07/19/83	Swenson	711	3	
DR	4,490,782	12/25/84	Dixon et al	711	136	
DR	4,593,354	06/03/86	Ushiro	714	48	
DR	5,694,576	12/02/97	Yamamoto et al	711	154	
DR	5,497,472	03/05/96	Yamamoto et al	711	100	
AK						

FOREIGN PATENT DOCUMENTS

	DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
AL						
AM						
AN						
AO						
AP						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

AR		
AS		
AT		

EXAMINER

DAVID L. ROBERTSON
PRIMARY EXAMINER

DATE CONSIDERED

9/2005

* EXAMINER: Note if reference considered. Whether or not citation is in conformance with 37 CFR 502; Draw the relevant portion if not in conformance and not considered.
Include copy of this form with next communication to applicant.

FORM PTO-1449
(REV. 7-89)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
ASA-328-07SERIAL NO.
10/632,840O I P E
LIST OF DOCUMENTS CITED BY APPLICANT
(Use several sheets if necessary)

AUG 21 2003

APPLICANT
A. YAMAMOTO et alFILING DATE
08/04/03 GROUP
2186

U.S. PATENT DOCUMENTS

INITIAL	DOCUMENT	DATE	NAME	CLASS	SUBCLASS	FILING DATE (If Appropriate)
DA	AA 4,685,082	08/04/87	Cheung et al	365	49	
DU	AB 4,646,233	02/24/87	Weatherford et al	711	3	
DU	AC 4,425,615	01/10/84	Swenson et al	711	114	
DU	AD 4,399,503	08/16/83	Hawley	711	113	
DU	AE 4,245,300	01/13/81	Kaufman et al	710	1	
DU	AF 3,702,462	11/07/72	England	710	1	
DU	AG 3,354,466	11/21/67	Herold et al	710	260	
DU	AH 3,328,566	06/27/67	Kinzie et al	710	1	
DU	AI 3,243,781	03/29/66	Ehrman et al	710	1	
DU	AJ 3,240,921	03/15/66	Sundblad	710	100	
DU	AK 3,237,169	02/22/66	Hartwig et al	711	200	

FOREIGN PATENT DOCUMENTS

		DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES <input type="checkbox"/> NO <input type="checkbox"/>
	AL						<input type="checkbox"/> <input type="checkbox"/>
	AM						<input type="checkbox"/> <input type="checkbox"/>
	AN						<input type="checkbox"/> <input type="checkbox"/>
	AO						<input type="checkbox"/> <input type="checkbox"/>
	AP						<input type="checkbox"/> <input type="checkbox"/>

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	
	AS	
	AT	

EXAMINER	DAVID L. ROBERTSON PRIMARY EXAMINER	DATE CONSIDERED
* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		

FORM PTO-1449
(REV. 7-20)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
ASA-328-07SERIAL NO.
10/632,840

LIST OF DOCUMENTS CITED BY APPLICANT

(Use several sheets if necessary)

AUG 21 2003

APPLICANT
A. YAMAMOTO et alFILING DATE
08/04/03 GROUP
2186

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT	DATE	NAME	CLASS	SUBCLASS	FILING DATE (If Appropriate)
DR	AA 3,225,334	12/21/65	Fields et al	710	1	
DR	AB 4,598,357	7/1/86	Swenson et al	711	113	
AC						
AD						
AE						
AF						
AG						
AH						
AI						
AJ						
AK						

FOREIGN PATENT DOCUMENTS

	DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES <input type="checkbox"/> NO <input type="checkbox"/>
AL						<input type="checkbox"/> <input type="checkbox"/>
AM						<input type="checkbox"/> <input type="checkbox"/>
AN						<input type="checkbox"/> <input type="checkbox"/>
AO						<input type="checkbox"/> <input type="checkbox"/>
AP						<input type="checkbox"/> <input type="checkbox"/>

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

AR		
AS		
AT		

EXAMINER

DAVID L. ROBERTSON

DATE CONSIDERED

9/2005

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 608; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.